Neuroscience Letters, 104 (1989) 356–359
Elsevier Scientific Publishers Ireland Ltd.

AUTHOR INDEX

Adachi, S., see Nakao, S., 77
Adachi, T., see Mogi, M., 241
Akaike, N., see Takahashi, K., 229
Akerman, K.E.O., see Engblom, A.C., 326
Alvarez, J., see Saitua, F., 249
Amos, A., Armstrong, D.M. and Marple-Horvat, D.E., Responses of motor cortical neurones in the cat to unexpected perturbations of locomotion, 147
Armstrong, D.M., see Amos, A., 147

Baik-Han, E.J., Kim, K.J. and Chung, J.M., Electrophysiological evidence for the presence of looping myelinated afferent fibers in the rat ventral root, 65
Bałuk, P. and Gabella, G., Some intrinsic neurons of the guinea-pig heart contain substance P, 269
Barthe, D., see Hugon, J., 258
Bartkowski, H., see Roman, R., 19
Baskin, D.G. and Wimpy, T.H., Calibration of [^{14}C]plastic standards for quantitative autoradiography of [^{125}I]labeled ligands with Amersham Hyperfilm β-max, 171
Battistini, N., see Calzá, L., 99
Benedict, M.S., see Thedinga, K.H., 217
Bianchi, A.L. and Grélot, L., Converse motor output of inspiratory bulbospinal premotoneurones during vomiting, 298
Blanchi, D., see Ermirio, R., 115
Bliss, T.V.P., see Chavez-Noriega, L.E., 58
Bloch, B., see Lanaud, P., 38
Borassio, P.G., see Capuzzo, A., 88
Boucher, R., see Bédard, P.J., 223
Brozanski, B.S., see Cameron, W.E., 274
Buma, P., Ultrastructural demonstration of exocytosis in the supraependymal plexus of the rat, 263
Burgoyne, R.D., see Robson, S.J., 110
Busse, K., see Santarcangelo, E.L., 157
Buxbaum, J.D. and Dudai, Y., In vivo protein phosphorylation in *Drosophila* mutants defective in learning and memory, 351
Byrne, J.H., see Hammer, M., 235
Bédard, P.J. and Boucher, R., Effect of D_1 receptor stimulation in normal and MPTP monkeys, 223

Calzá, L., Giardino, L., Battistini, N., Zanni, M., Galetti, S., Protopapa, F. and Velardo, A., Increase of neuropeptide Y-like immunoreactivity in the paraventricular nucleus of fasting rats, 99
Cameron, W.E., Fang, H., Brozanski, B.S. and Guthrie, R.D., The postnatal growth of motoneurons at three levels of the cat neuraxis, 274
Capuzzo, A., Borasio, P.G. and Fabbri, E., Presynaptic muscarinic receptors in guinea pig superior cervical ganglion, 88
Carli, G., see Santarcangelo, E.L., 157
Carrer, H.F., see Ramirez, O.A., 152
Chase, T.N., see Susel, Z., 125
Chavez-Noriega, L.E., Bliss, T.V.P. and Halliwell, J.V., The EPSP-spike (E-S) component of long-term potentiation in the rat hippocampal slice is modulated by GABAergic but not cholinergic mechanisms, 58
Chung, J.M., see Baik-Han, E.J., 65
Cleary, L.J., see Hammer, M., 235
Cogo, C.E., see Ermirio, R., 115
Cotman, C.W., see Peterson, C., 309

De Keyser, J., Ebinger, G. and Vauquelin, G., Evidence for a widespread domapinergic innervation of the human cerebral neocortex, 281
Diederen, J.H.B., see Vullings, H.G.B., 48
Doroshenko, P.A., γ-Aminobutyric acid elevates cytosolic Ca in bovine chromaffin cells, 83
Dudai, Y., see Buxbaum, J.D., 351
Dugovic, C., Leysen, J.E. and Wauquier, A., Melatonin modulates the sensitivity of 5-hydroxytryptamine-2 receptor-mediated sleep–wakefulness regulation in the rat, 320

Ebinger, G., see De Keyser, J., 281
Ehrlich, D., Stuchbery, J. and Zappia, J., Organisation of the hyperstriatal projection to the ventral lateral geniculate nucleus in the chick (*Gallus gallus*), 1
Engber, T.M., see Susel, Z., 125
Engblom, A.C., Holopainen, I. and Åkerman, K.E.O., Determination of GABA receptor-linked Cl^- fluxes in rat cerebellar granule cells using a fluorescent probe SPQ, 326
Erdö, S.L. and Wolff, J.R., Transient increase in ligand binding to quisqualate and kainate sites in cerebral cortex of immature rats, 161
Ermirio, R., Blanchi, D., Ruggeri, P., Cogo, C.E. and Molinari, C., Actions of 3α,5α-tetrahydrodeoxycorticosterone on single neurones of the mesencephalic reticular formation in the rat, 115

Neuroscience Letters, 104 (1989) 356–359
Elsevier Scientific Publishers Ireland Ltd.

AUTHOR INDEX

Adachi, S., see Nakao, S., 77
Adachi, T., see Mogi, M., 241
Akaike, N., see Takahashi, K., 229
Akerman, K.E.O., see Engblom, A.C., 326
Alvarez, J., see Saitua, F., 249
Amos, A., Armstrong, D.M. and Marple-Horvat, D.E., Responses of motor cortical neurones in the cat to unexpected perturbations of locomotion, 147
Armstrong, D.M., see Amos, A., 147

Baik-Han, E.J., Kim, K.J. and Chung, J.M., Electrophysiological evidence for the presence of looping myelinated afferent fibers in the rat ventral root, 65
Bałuk, P. and Gabella, G., Some intrinsic neurons of the guinea-pig heart contain substance P, 269
Barthe, D., see Hugon, J., 258
Bartkowski, H., see Roman, R., 19
Baskin, D.G. and Wimpy, T.H., Calibration of [^{14}C]plastic standards for quantitative autoradiography of [^{125}I]labeled ligands with Amersham Hyperfilm β-max, 171
Battistini, N., see Calzá, L., 99
Benedict, M.S., see Thedinga, K.H., 217
Bianchi, A.L. and Grélot, L., Converse motor output of inspiratory bulbospinal premotoneurones during vomiting, 298
Blanchi, D., see Ermirio, R., 115
Bliss, T.V.P., see Chavez-Noriega, L.E., 58
Bloch, B., see Lanaud, P., 38
Borassio, P.G., see Capuzzo, A., 88
Boucher, R., see Bédard, P.J., 223
Brozanski, B.S., see Cameron, W.E., 274
Buma, P., Ultrastructural demonstration of exocytosis in the supraependymal plexus of the rat, 263
Burgoyne, R.D., see Robson, S.J., 110
Busse, K., see Santarcangelo, E.L., 157
Buxbaum, J.D. and Dudai, Y., In vivo protein phosphorylation in *Drosophila* mutants defective in learning and memory, 351
Byrne, J.H., see Hammer, M., 235
Bédard, P.J. and Boucher, R., Effect of D_1 receptor stimulation in normal and MPTP monkeys, 223

Calzá, L., Giardino, L., Battistini, N., Zanni, M., Galetti, S., Protopapa, F. and Velardo, A., Increase of neuropeptide Y-like immunoreactivity in the paraventricular nucleus of fasting rats, 99
Cameron, W.E., Fang, H., Brozanski, B.S. and Guthrie, R.D., The postnatal growth of motoneurons at three levels of the cat neuraxis, 274
Capuzzo, A., Borasio, P.G. and Fabbri, E., Presynaptic muscarinic receptors in guinea pig superior cervical ganglion, 88
Carli, G., see Santarcangelo, E.L., 157
Carrer, H.F., see Ramirez, O.A., 152
Chase, T.N., see Susel, Z., 125
Chavez-Noriega, L.E., Bliss, T.V.P. and Halliwell, J.V., The EPSP-spike (E-S) component of long-term potentiation in the rat hippocampal slice is modulated by GABAergic but not cholinergic mechanisms, 58
Chung, J.M., see Baik-Han, E.J., 65
Cleary, L.J., see Hammer, M., 235
Cogo, C.E., see Ermirio, R., 115
Cotman, C.W., see Peterson, C., 309

De Keyser, J., Ebinger, G. and Vauquelin, G., Evidence for a widespread domapinergic innervation of the human cerebral neocortex, 281
Diederen, J.H.B., see Vullings, H.G.B., 48
Doroshenko, P.A., γ-Aminobutyric acid elevates cytosolic Ca in bovine chromaffin cells, 83
Dudai, Y., see Buxbaum, J.D., 351
Dugovic, C., Leysen, J.E. and Wauquier, A., Melatonin modulates the sensitivity of 5-hydroxytryptamine-2 receptor-mediated sleep–wakefulness regulation in the rat, 320

Ebinger, G., see De Keyser, J., 281
Ehrlich, D., Stuchbery, J. and Zappia, J., Organisation of the hyperstriatal projection to the ventral lateral geniculate nucleus in the chick (*Gallus gallus*), 1
Engber, T.M., see Susel, Z., 125
Engblom, A.C., Holopainen, I. and Åkerman, K.E.O., Determination of GABA receptor-linked Cl^- fluxes in rat cerebellar granule cells using a fluorescent probe SPQ, 326
Erdö, S.L. and Wolff, J.R., Transient increase in ligand binding to quisqualate and kainate sites in cerebral cortex of immature rats, 161
Ermirio, R., Blanchi, D., Ruggeri, P., Cogo, C.E. and Molinari, C., Actions of 3α,5α-tetrahydrodeoxycorticosterone on single neurones of the mesencephalic reticular formation in the rat, 115

Ezure, K., Manabe, M. and Otake, K., Excitation and inhibition of medullary inspiratory neurons by two types of burst inspiratory neurons in the cat, 303

Fabbri, E., see Capuzzo, A., 88
Fagg, G.E., see Thedinga, K.H., 217
Fang, H., see Cameron, W.E., 274
Faucon Biguet, N., Rittenhouse, A.R., Mallet, J. and Zigmond, R.E., Preganglionic nerve stimulation increases mRNA levels for tyrosine hydroxylase in the rat superior cervical ganglion, 189
Fiscus, R.R., see Han, C., 141
Flynn, D.D., see Strang, P.F., 201
Fujimoto, K., see Kawashima, K., 336
Fujimura, K. and Matsuda, Y., Autogenous oscillatory potentials in neurons of the guinea pig substantia nigra pars compacta in vitro, 53
Fujita, K., see Mogi, M., 241

Gabella, G., see Bałuk, P., 269
Galetti, S., see Caizá, L., 99
Giardino, L., see Calzá, L., 99
Grélot, L., see Bianchi, A.L., 298
Gu, J., see Han, C., 141
Guthrie, R.D., see Cameron, W.E., 274

Halliwell, J.V., see Chavez-Noriega, L.E., 58
Hama, T., Miyamoto, M., Tsukui, H., Nishio, C. and Hatanaka, H., Interleukin-6 as a neurotrophic factor for promoting the survival of cultured basal forebrain cholinergic neurons from postnatal rats, 340
Hammer, M., Cleary, L.J. and Byrne, J.H., Serotonin acts in the synaptic region of sensory neurons in *Aplysia* to enhance transmitter release, 235
Han, C., Wang, X., Fiscus, R.R., Gu, J. and McDonald, J.K., Changes in cardiac neuropeptide Y after experimental myocardial infarction in rat, 141
Harada, M., see Mogi, M., 241
Hatanaka, H., see Hama, T., 340
Heinemann, U., see Jones, R.S.G., 93
Hekmatpanah, C.R., McKenna, D.J. and Peroutka, S.J., Reserpine does not prevent 3,4-methylenedioxymethamphetamine-induced neurotoxicity in the rat, 178
Helme, R.D., see Khalil, Z., 105
Holopainen, I., see Engblom, A.C., 326

Hugon, J., Vallat, J.M., Spencer, P.S., Leboutet, M.L. and Barthe, D., Kainic acid induces early and delayed degenerative neuronal changes in rat spinal cord, 258

Ichikawa, T., see Isu, N., 25
Inagaki, M., see Nakao, S., 77
Isu, N., Sakuma, A., Kitahara, M., Ichikawa, T., Watanabe, S. and Uchino, Y., Extracellular recording of vestibulo-thalamic neurons projecting to the spinal cord in the cat, 25
Itzhak, Y., Different modulation of the binding to two phencyclidine (PCP) receptor subtypes: effects of *N*-methyl-D-aspartate agonists and antagonist, 314

Jansen, W.F., see Vullings, H.G.B., 48
Johnston, M.V., see McDonald, J.W., 167
Jones, R.S.G. and Heinemann, U., Spontaneous activity mediated by NMDA receptors in immature rat entorhinal cortex in vitro, 93

Kagoshima, M., see Yamashita, K., 195
Kapoor, V., see Nakahara, D., 136
Kataoka, Y., see Yamashita, K., 195
Kauppila, T. and Stenberg, D., α-Difluoromethylornithine (DFMO) disturbed the sensorimotor functional recovery from a sciatic lesion, 121
Kawashima, K., Oohata, H., Fujimoto, K. and Suzuki, T., Extraneuronal localization of acetylcholine and its release upon nicotinic stimulation in rabbits, 336
Khalil, Z. and Helme, R.D., Involvement of capsaicin-sensitive afferent nerve fibres in serotonin-induced plasma extravasation and vasodilatation in rat skin, 105
Kim, K.J., see Baik-Han, E.J., 65
Kitahara, M., see Isu, N., 25
Kojima, K., see Mogi, M., 241
Kreider, M.S., see Rinaman, L., 7

Lanaud, P., Popovici, T., Normand, E., Lemoine, C., Bloch, B. and Roques, B.P., Distribution of CCK mRNA in particular regions (hippocampus, periaqueductal grey and thalamus) of the rat by in situ hybridization, 38
Larson-Prior, L.J. and Traverse Slater, N., Excitatory amino acid receptor mediate slow synaptic transmission in turtle cerebellum, 286
Leboutet, M.L., see Hugon, J., 258
Legerstee-Oostveen, G.G., see Vullings, H.G.B., 48

Lemoine, C., see Lanaud, P., 38
Leysen, J.E., see Dugovic, C., 320

Mallet, J., see Faucon Biguet, N., 189
Manabe, M., see Ezure, K., 303
Markstein, R., Stöckli, K.A. and Reubi, J.C., Differential effects of somatostatin on adenylate cyclase as functional correlate for different brain somatostatin receptor subpopulations, 13
Marple-Horvat, D.E., see Amos, A., 147
Matsuda, Y., see Fujimura, K., 53
McCann, M.J., see Rogers, R.C., 71
McDonald, J.K., see Han, C., 141
McDonald, J.W., Uckele, J., Silverstein, F.S. and Johnston, M.V., HA-966(1-hydroxy-3-aminopyrrolidone-2) selectively reduces *N*-methyl-D-aspartate (NMDA)-mediated brain damage, 167
McKenna, D.J., see Hekmatpanah, C.R., 178
Michel, A.D., see Sharif, N.A., 183
Miselis, R.R., see Rinaman, L., 7
Mitrofanis, J., Robinson, S.R. and Provis, J.M., Somatostatinergic neurones of the developing human and cat retinae, 209
Miyamoto, M., see Hama, T., 340
Miyazaki, A., see Yamashita, K., 195
Mize, R.R. and White, D.A., [^{3}H]Muscimol labels neurons in both the superficial and deep layers of cat superior colliculus, 31
Mogi, M., Harada, M., Kojima, K., Adachi, T., Narabayashi, H., Fujita, K., Naoi, M. and Nagatsu, T., β_2-Microglobulin decrease in cerebrospinal fluid from parkinsonian patients, 241
Molinari, C., see Ermirio, R., 115

Nagatsu, T., see Mogi, M., 241
Nagatsu, T., see Nakahara, D., 136
Nakahara, D., Ozaki, N., Kapoor, V. and Nagatsu, T., The effect of uptake inhibition on dopamine release from the nucleus accumbens of rats during self- or forced stimulation of the medial forebrain bundle: a microdialysis study, 136
Nakao, S., Shiraishi, Y., Inagaki, M., Adachi, S., Oda, H. and Oikawa, T., Direct inhibitory synaptic connections of pontine omnipause neurons with burst neurons in Forel's field H related to vertical saccades in the cat, 77
Naoi, M., see Mogi, M., 241
Narabayashi, H., see Mogi, M., 241
Nishio, C., see Hama, T., 340
Normand, E., see Lanaud, P., 38

Oda, H., see Nakao, S., 77
Oikawa, T., see Nakao, S., 77
Oohata, H., see Kawashima, K., 336
Otake, K., see Ezure, K., 303
Ozaki, N., see Nakahara, D., 136
Ozaki, T., see Yamashita, K., 195

Peroutka, S.J., see Hekmatpanah, C.R., 178
Peterson, C. and Cotman, C.W., Strain-dependent decrease in glutamate binding to the *N*-methyl-D-aspartic acid receptor during aging, 309
Piertrzak, E.R., Wilce, P.A. and Shanley, B.C., Plasticity of brain muscarinic receptors in aging rats: the adaptative response to scopolamine and ethanol treatment, 331
Popovici, T., see Lanaud, P., 38
Protopapa, F., see Calzá, L., 99
Provis, J.M., see Mitrofanis, J., 209

Ramirez, O.A. and Carrer, H.F., Correlation between threshold to induce long-term potentiation in the hippocampus and performance in a shuttle box avoidance response in rats, 152
Reubi, J.C., see Markstein, R., 13
Ribot-Ciscar, E., Vedel, J.P. and Roll, J.P., Vibration sensitivity of slowly and rapidly adapting cutaneous mechanoreceptors in the human foot and leg, 130
Rinaman, L., Miselis , R.R. and Kreider, M.S., Ultrastructural localization of thyrotropin-releasing hormone immunoreactivity in the dorsal vagal complex in rat, 7
Rittenhouse, A.R., see Faucon Biguet, N., 189
Robinson, S.R., see Mitrofanis, J., 209
Robson, S.J. and Burgoyne, R.D., L-type calcium channels in the regulation of neurite outgrowth from rat dorsal root ganglion neurons in culture, 110
Rogers, R.C. and McCann, M.J., Effects of TRH on the activity of gastric inflation-related neurons in the solitary nucleus in the rat, 71
Roll, J.P., see Ribot-Ciscar, E., 130
Roman, R., Bartkowski, H. and Simon, R., The specific NMDA receptor antagonist AP-7 attenuates focal ischemic brain injury, 19
Roques, B.P., see Lanaud, P., 38
Ruggeri, P., see Ermirio, R., 115

Saitua, F. and Alvarez, J., Microtubular packing varies along the course of motor and sensory axons: possible regulation of microtubules by environmental cues, 249
Sakuma, A., see Isu, N., 25
Santarcangelo, E.L., Busse, K. and Carli, G.,

Changes in electromyographically recorded human monosynaptic reflex in relation to hypnotic susceptibility and hypnosis, 157
Schwarcz, R., see Speciale, C., 345
Shanley, B.C., see Pietrzak, E.R., 337
Sharif, N.A., To, Z., Michel, A.D. and Whiting, R.L., Differential affinities of TRH receptor: implications for therapy in spinal injuries, 183
Shibata, K., see Yamashita, K., 195
Shibuki, K., Demonstration of reversible membrane internalization after exocytosis in the rat neurohypophysis, 292
Shiraishi, Y., see Nakao, S., 77
Silverstein, F.S., see McDonald, J.W., 167
Simon, R., see Roman, R., 19
Speciale, C., Ungerstedt, U. and Schwarcz, R., Production of extracellular quinolinic acid in the striatum studies by microdialysis in unanesthetized rats, 345
Spencer, P.S., see Hugon, J., 258
Stenberg, D., see Kauppila, T., 121
Strang, P.F. and Flynn, D.D., Polyclonal anti-propylbenzilylcholine mustard antibodies selectively recognize labeled muscarinic receptors from rabbit brain, 201
Straznicky, C., see Tóth, P., 43
Stuchbery, J., see Ehrlich, D., 1
Stöckli, K.A., see Markstein, R., 13
Susel, Z., Engber, T.M. and Chase, T.N., Behavioral evaluation of the anti-excitotoxic properties of MK-801: comparison with neurochemical measurements, 125
Suzuki, T., see Kawashima, K., 336

Takahashi, K., Wakamori, M. and Akaike, N., Hippocampal CA1 pyramidal cells of rats have four voltage-dependent calcium conductances, 229
Thedinga, K.H., Benedict, M.S. and Fagg, G.E., The *N*-methyl-D-aspartate (NMDA) receptor complex: a stoichiometric analysis of radioligand binding domains, 217
To, Z., see Sharif, N.A., 183
Traverse Slater, N., see Larson-Prior, L.J., 286
Tsukui, H., see Hama, T., 340
Tóth, P. and Straznicky, C., Retino-retinal projections in three anuran species, 43

Uchino, Y., see Isu, N., 25
Uckele, J., see McDonald, J.W., 167
Ueki, S., see Yamashita, K., 195
Ungerstedt, U., see Speciale, C., 345

Vallat, J.M., see Hugon, J., 258
Vauquelin, G., see De Keyser, J., 281
Vedel, J.P., see Ribot-Ciscar, E., 130
Velardo, A., see Calzá, L., 99
Vullings, H.G.B., Legerstee-Oostveen, G.G., Diederen, J.H.B. and Jansen, W.F., Immunocytochemical demonstration of neuron-specific enolase in neuronal cell bodies of an insect, 48

Wakamori, M., see Takahashi, K., 229
Wang, X., see Han, C., 141
Watanabe, S., see Isu, N., 25
Wauquier, A., see Dugovic, C., 320
White, D.A., see Mize, R.R., 31
Whiting, R.L., see Sharif, N.A., 183
Wilce, P.A., see Pietrzak, E.R., 337
Wimpy, T.H., see Baskin, D.G., 171
Wolff, J.R., see Erdö, S.L., 161

Yamashita, K., Kataoka, Y., Shibata, K., Ozaki, T., Miyazaki, A., Kagoshima, M. and Ueki, S., Neuroanatomical substrates regulating rat conflict behavior evidenced by brain lesioning, 195

Zanni, M., see Calzá, L., 99
Zappia, J., see Ehrlich, D., 1
Zigmond, R.E., see Faucon Biguet, N., 189